

# CitroComplex® Hair

CitroComplex® Hair is a fusion of Citropol® technology with nourishing natural oils, delivering effortless detangling, conditioning, shine, and hydration while being bio-degradable and bio-renewable.

**INCI: Polycitronellool Acetate (and) Undecane (and) Tridecane (and) Simmondsia Chinesis (Jojoba) Seed Oil (and) Crambe Abyssinica (Abyssinian) Seed Oil (and) Ricinus Communis (Castor) Seed Oil (and) Helianthus Annuus (Sunflower) Seed Oil**



## Representative Properties

<b>Form</b>	Liquid	<b>Density (g/cm<sup>3</sup> at 25°C)</b>	0.840-0.880
<b>Odor</b>	Characteristic	<b>Solubility</b>	Alcohols and Oils
<b>Color</b>	Straw	<b>Flashpoint</b>	88 +/- 2° (closed cup)

## Sustainability & Biodegradability

All P2 Science products are biorenewable, biodegradable, and biocompatible. They do not compromise human or environmental safety.

Citropol® is inherently biodegradable according to the OECD 301B biodegradability test.

# CitroComplex® Applications

CitroComplex® Hair imparts high-quality sensorial and conditioning benefits with a lightweight feel for hair care, with versatility across additional personal care & cosmetics applications.



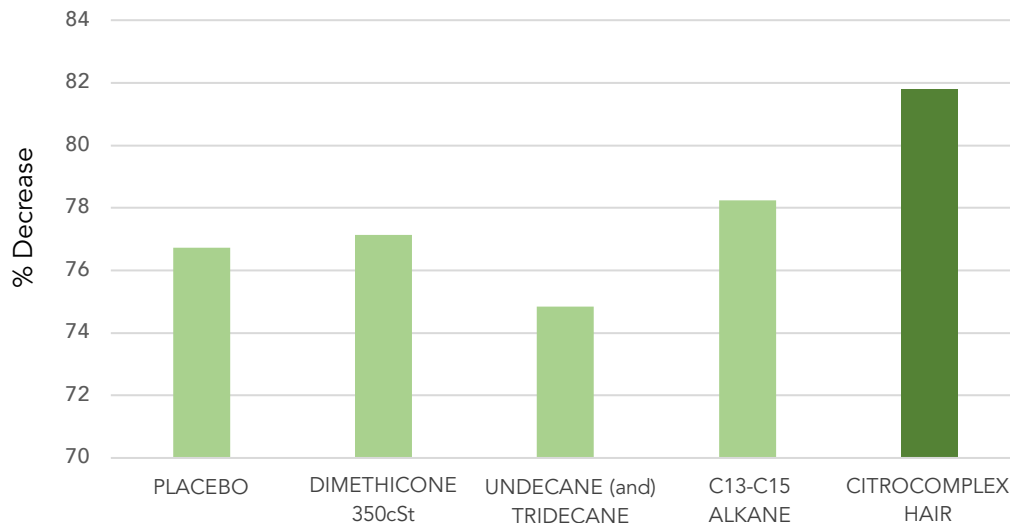
## Recommended Use Levels

CitroComplex® Hair can be effective at use levels from 1-20% across hair care and skin care formulations.

## Improved Conditioning

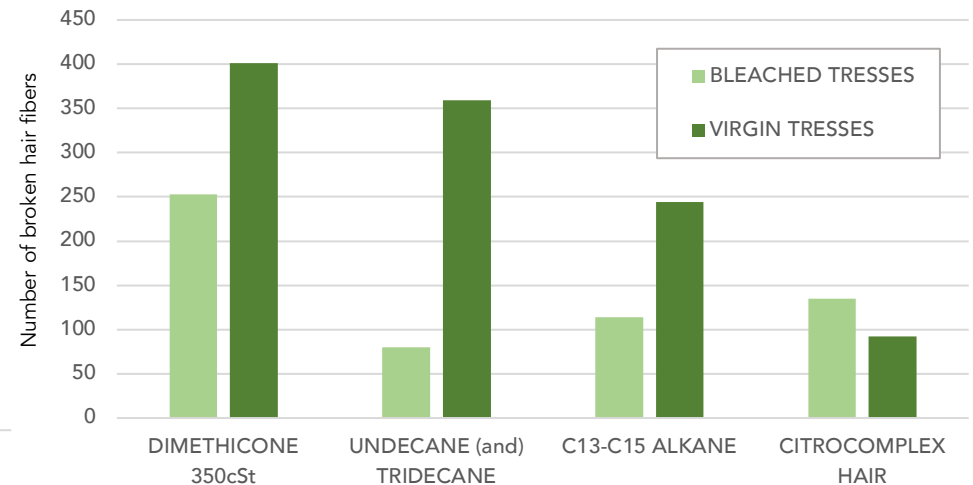
CitroComplex® Hair shows improved conditioning for easier combing compared to control and benchmark samples when tested on bleached hair tresses.

## % Comb Force Decrease on Bleached Tresses Combed in Wet State by Treatment



## Damage Reduction & Prevention

CitroComplex® Hair shows a significant reduction in broken hair fibers in virgin tresses compared to dimethicone and common emollients.



Formulation Spotlight:

**Rinse Out Hydrating  
Hair Mask**

**Blonde Brow Gel**

